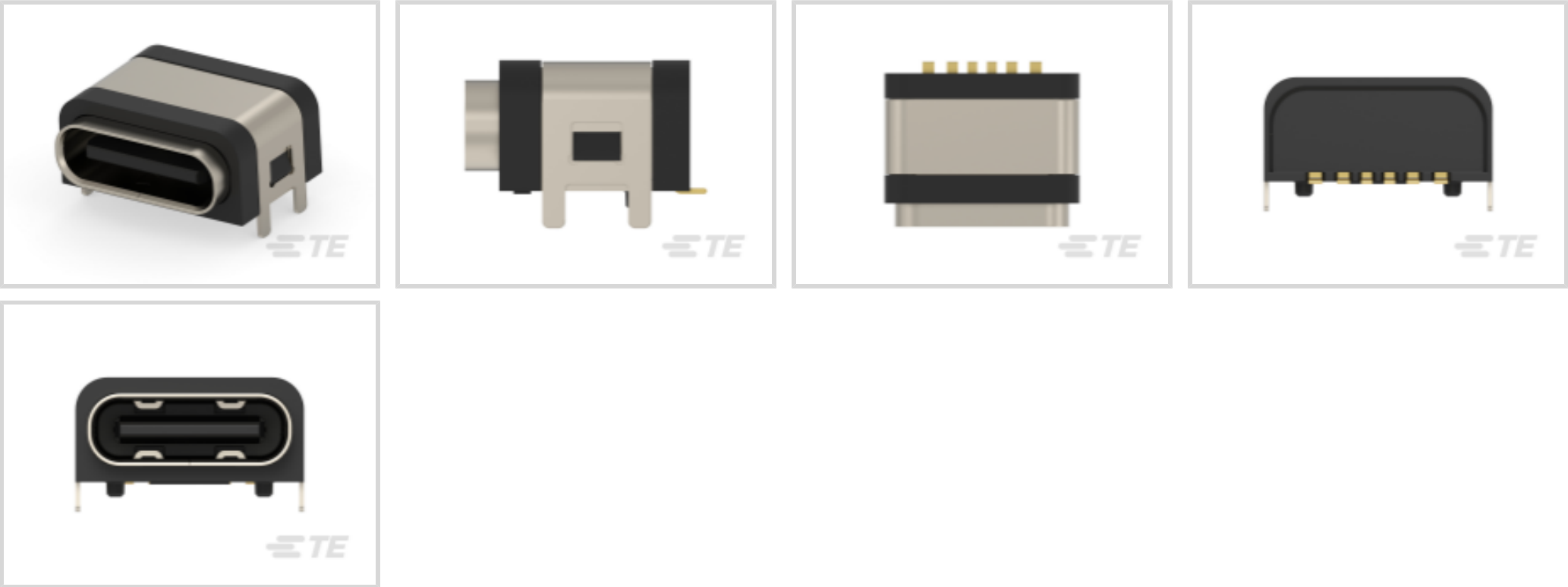




Connectors > Audio & Video Connectors > USB Connectors



USB Adapter Type: C

USB Version: 2.0

Connector Profile: Standard

Connector & Housing Type: Receptacle

Number of Ports: 1

Features

Product Type Features

Ground Feature Type	Ground Finger
Grounding Options	PCB Ground
USB Adapter Type	C
USB Version	2.0
Connector & Housing Type	Receptacle
Connector System	Wire-to-Board
Sealable	Yes
Connector & Contact Terminates To	Printed Circuit Board
USB Connector Type	USB 2.0 Type-C

Configuration Features

Number of Mounting Legs	10
Number of Ports	1
Number of Positions	2

Body Features

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Shell Plating Finish	Bright
Shell Plating Material	Nickel
Offset	.78 mm
Connector Profile	Standard

Contact Features

Contact Underplating Material	Nickel
Contact Mating Area Plating Material Thickness	.00076 μm[.00003 μin]
Contact Mating Area Plating Material	Gold Flash
Contact Current Rating (Max)	3 A

Termination Features

Termination Post & Tail Length	.65 mm[.042 in]
Termination Method to PCB	Surface Mount

Mechanical Attachment

PCB Mount Alignment Type	None
PCB Mount Location	Top
PCB Connector Seating	Flush
PCB Mount Retention Type	Guide Post
Connector Mounting Type	Board Mount

Housing Features

Housing Color	Black
Housing Material	LCP GF30
Body Orientation	Perpendicular Right Angle
Centerline (Pitch)	2.38 mm[.283 in]

Dimensions

PCB Thickness (Recommended)	1.6 mm[.06 – .063 in]
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Usage Conditions

Soldering Temperature (Max)	260 °C[500 °F]
Mating Cycles (Max)	10000
Operating Temperature Range	-30 – 85 °C[131 – 185 °F]

Operation/Application

Halogen Free	No
Assembly Process Feature	Without Pick and Place Cover



Circuit Application	Power
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Industry Standards

Industry Standard	USB 2.0
Moisture Sensitivity Level	1
UL Flammability Rating	UL 94V-0
IP Rating	IPX8

Packaging Features

Packaging Quantity	600
Packaging Method	Tape & Reel

Product Compliance

For compliance documentation, visit the product page on TE.com>


EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Not Yet Reviewed
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not reviewed for solder process capability

Product Compliance Disclaimer


This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulations, TE’s information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) ‘Guidance on requirements for substances in articles’(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of ‘complex object’, the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA “Guidance on requirements for substances in articles” (June 2017, version 4.0) and will be updating its statements accordingly.




Compatible Parts




TE Part # 2495703-1
USB TYPE C RECEPTACLE 6P
WATERPROOF IPX7




TE Part # 2479774-2
USB C Charge-only,6 Pin, Top, 3u GF



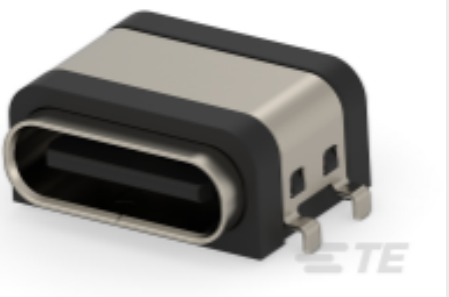
TE Part # 2480790-1
USB C Charge-only,6 Pin, Vertical,
Long



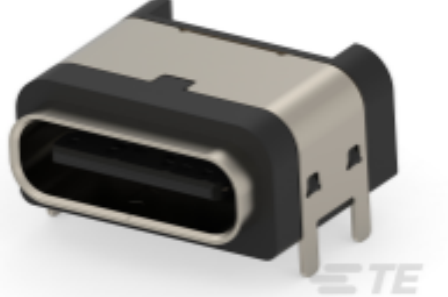
TE Part # 2479774-1
USB C Charge-only,6 Pin, Top, 1u GF




TE Part # 2480842-1
USB C Charge-only,6 Pin, Vert, Long,
Lock




TE Part # 2495157-1
USB TYPE C RECEPTACLE 6P
WATERPROOF DIP



TE Part # 2495702-1
USB TYPE C RECEPTACLE 6P
WATERPROOF IPX7



TE Part # 2480803-1
USB C Charge-only,6 Pin, Vertical,
Short



TE Part # 2480843-1
USB C Charge-only,6 Pin, Mid, 3u GF

Documents

Product Drawings
USB TYPE C 6P WATERPROOF DIP+SMT CONN
English

CAD Files
Customer View Model
ENG_CVM_CVM_2495154-1_1.3d_igs.zip
English
3D PDF
3D
Customer View Model
ENG_CVM_CVM_2495154-1_1.3d_stp.zip
English
Customer View Model
ENG_CVM_CVM_2495154-1_1.2d_dxf.zip
English

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Product Specifications

Product Specification

English